
Monitoring Part 3: Certification Process & QA

Louisville, KY

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Part 3 Overview

- ◆ Monitoring Plan Submittal and Review
- ◆ Certification Application Submittal and Review



Monitoring Plan Submittal

◆ Electronic Portions

- Send Electronic Monitoring Plan in EDR v.2.1 format to CAMD
 - » Submission should include the appropriate 100, 500, and 900 level Record Types
 - » Submit electronically via e-mail: MP-Reg#@epa.gov
 - ◆ MP-Reg1@epa.gov
 - ◆ MP-Reg2@epa.gov
 - ◆ And so on . . .
- Copy Region and Permitting Authority with Hardcopy Submittal



Monitoring Plan Submittal

◆ Hardcopy Portions

- Submit to Region and Permitting Authority
- The hardcopy portion of the monitoring plan includes (§ 75.53)
 - » Test strategy/protocol
 - » Calculations for Max Potential Concentration (MPC), Max Expected Concentration (MEC), Max Potential Flow Rate (MPF), Max Expected NO_x Emission Rate (MER), Span
 - » Description of the site, and location of each monitoring component on the stack
 - » Data Flow Diagram from the Output of the CEMS, through data loggers, PLCs, & DAHS to the final quarterly EDR report
 - » Schematic of the Monitoring Systems including the Stack



Monitoring Plan Review

- ◆ CAMD

- Will review the electronic monitoring plan using MDC
- Feedback will be sent to the Source, State Permitting Authority, and the Region

- ◆ State and/or Region

- Will review the hardcopy information with the electronic portion and CAMD feedback
- Communicate and resolve any deficiencies with the sources



Certification Application Submittal

- ◆ Electronic Portions (100, 500, 600, 900 RTs)

- Send Electronic Certification Test Data in EDR v.2.1 format to CAMD
 - » Submission should include the appropriate 100, 500, 600 and 900 level Record Types
 - » Submit electronically via e-mail: MPCert-Reg#@epa.gov
 - ◆ MPCert-Reg1@epa.gov
 - ◆ MPCert-Reg2@epa.gov
 - ◆ And so on . . .

- Copy Region and Permitting Authority with Hardcopy Submittal



Certification Application Submittal

◆ Hardcopy Portions

- Submit to Region and Permitting Authority
- The hardcopy portion of the Certification Application includes
 - » Test strategy/protocol
 - » Detailed Test report for each Reference Method performed for Certification
 - » DAHS Verification
 - » 7-Day calibration test data
 - » Linearity report with protocol gas certifications
 - » Cycle Time test results



Certification Application Review

◆ 126 Affected Sources (Initial Certification and Re-certification)

- CAMD
 - » Will review the electronic submission using MDC
 - » Feedback will be sent to the Source, State Permitting Authority, and the Region
- State and/or Region
 - » Will review the hardcopy information with the electronic portion and CAMD feedback
 - » Communicate and resolve any deficiencies with the sources
- Approval
 - » State makes recommendation to the Region and CAMD
 - » CAMD makes the final approval decision



Certification Application Review

- ◆ SIP Affected Sources (Initial Certification)
 - CAMD
 - » Will review the electronic submission using MDC
 - » Feedback will be sent to the Source, State Permitting Authority, and the Region
 - State
 - » Will review the hardcopy information with the electronic portion and CAMD feedback
 - » Communicate and resolve any deficiencies with the sources
 - Approval
 - » State makes the final approval decision
 - » State notifies the Region and CAMD



Certification Application Review

- ◆ SIP Affected Sources (Re-certification events)
 - State
 - » Will review the electronic submission using MDC
 - » Will review the hardcopy information with the electronic portion
 - » Communicate and resolve any deficiencies with the sources
 - Approval
 - » State makes the final approval decision
 - » State notifies the Region and CAMD



Quality Assurance Testing Submittal & Review

- ◆ CAMD
 - Receive and Review QA records electronically in the quarterly EDR (RT 600)
 - MDC and ETS Feedback sent to Source, State, and Region
 - MDC error resolution responsibility for 126 program
 - ETS error resolution responsibility for all programs
- ◆ State and Region
 - Receive and review Hardcopy RATA test reports
 - The State retains MDC error resolution responsibility for SIP program

